

Q SIGMA ENGINEERING SHALL NOT BE HELD RESPONSIBLE BY ANY PARTY INVOLVED IN DESIGN, PRODUCTION OF AND/OR INSTALLATION OF COMPONENTS AND/OR CONSTRUCTION TECHNOLOGY SHOWN HERE ON AND AS APPROVED FOR BUILDING PERMIT. Q SIGMA ENGINEERING SHALL BE ABSOLVED OF LIABILITY RESULTING OR RELATED TO DAMAGE TO PERSONS OR MATERIALS USED TO BUILD THIS

ABSOLVED OF LIABILITY RESULTING OR RELATED TO DAMAGE TO PERSONS OR MATERIALS USED TO BUIL
PROJECT.

Q SIGMA ENGINEERING SHALL NOT BE CONSIDERED RESPONSIBLE FOR THE
SCHOOL OF THE PERFORMANCE OF ANY MATERIAL LARDE OF CONSTRUCTION PROCEDURES

Q SIGMA ENGINEERING SHALL NOT BE CONSIDERED RESPONSIBLE FOR THE SELECTION OR USE OR THE PERFORMANCE OF ANY MATERIAL, LABOR OR CONSTRUCTION PROCEDURES OR METHODS OF INSTALLATION OR THE RESULT OF DECISIONS MADE OR EXECUTED BY OTHERS DURING AND FOLLOWING CONSTRUCTION PROJECTS.

PROJECT SUMMARY:

EXISTING HOUSE ADDING ADDITION IN THE BACK 17'-4"X 18'-0"(312 SQ FT) OUTSIDE TO OUTSIDE. EXISTING SMALL ADDITION TO BE MODIFIED TO ACCEPT LARGER EXPANDED ADDITION FOR LARGER MASTER BEDROOM. NEW ROOF IS SHINGLES

NEW FOUNDATION SECTIONS TO PIN TO EXIST. MAS. CONSTRUCTION AT NEW, MASONRY EXIST. @ HOUSE.

USE CLASSIFICATION:

RESIDENTIAL- GROUP R3

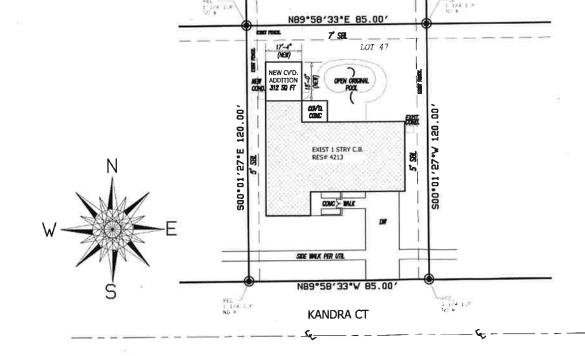
CODES IN EFFECT:

2017 FLORIDA RESIDENTIAL BUILDING CODE—BUILDING (6TH EDITION)
NATIONAL ELECTRICAL CODE (2014)
LIFE SAFETY CODE (LSC) 2012

ASCE (AMERICAN SOCIETY OF CIVIL ENGINEERS) 07-16 2017 FBC PLUMBING (6TH ED) 2017 FBC MECHANICAL (6TH ED)

PARCEL ID:

20-23-30-1646-00-470



	PLAN INDEX OF DRAWINGS		
1	COVER —BUILDING DATA		
2	DEMO PLAN/ FOUNDATION		
3	FLOOR		
4	ELEVATIONS		
5	MEP		
6	DETAILS		
7	DETAILS		
8	NOAS		

SITE PLAN

SCALE=1:20

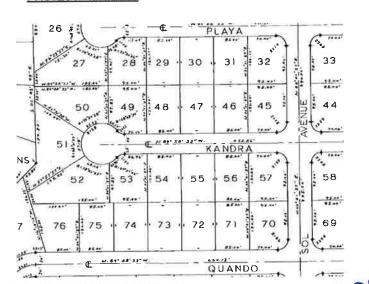
NEW BEDROOM EXTENSION FOR:

BART FREE

4213 KANDRA CT BELLE ISLE, FL. 32812 ORANGE CO.



PROJECT VICINITY:



PROJECT SURVEY LOCATION:

requested full Sized

plans

THIS DRAWING IS IN ACCORDANCE WITH, AND MEETS THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE, 6th ED. RESIDENTIAL, FOR 139 MPH & UP TO (140) MPH WIND ZONE V ULT / 108 V asd & COMPLIES WITH THE FBC WHICH INCLUDES ASCE 7-10 CERTIFICATION BY ENGINEER APPLIES TO ABOVE STATEMENT ONLY. RISK CATEGORY -II, EXPOSURE- B

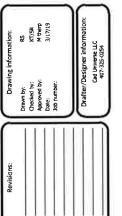
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OSIGMA
ASSOC.

MICHAEL THARP, P.E. 58669
300 DANABLAS DE, S. 58669
300 DANABLAS DE, S. 644665
575. Fail: Imbradiel Tit com
introduction and association of the second of t

Digitally signed by Michael A Tharp DN: C=US, o=IdenTrust ACES Unaffiliated Individual, cn=Michael A Tharp. 0.9.2342.19200300.10 0.11=A01098000001 4DFDD1F923000065F B Date: 2019.06.21 07:39:07 -04'00'

TRUCTURAL DRAWING FOR:
4213 KANDRA CT
BELLE ISLE, FL. 32812



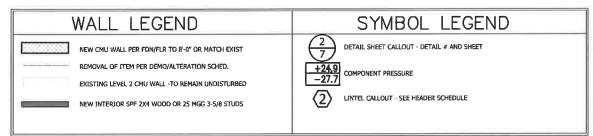
Sheet nomenclature:

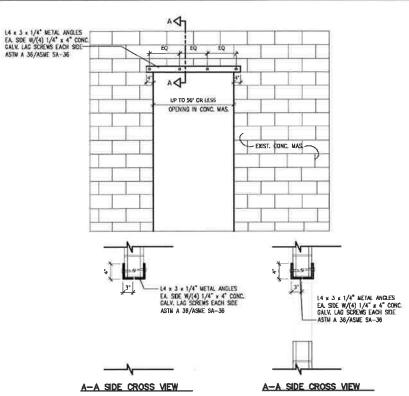
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4213 RANDIZA

DEMOLITION/ALTERATION SCHEDULE				
TAG	DETAIL	DESCRIPTION OF ALTERATION		
(A)		CUT SOFFIT TAILS TO WALL. LEAVE SHINGLES AND ROOFING IN-PLACE		
(B)	1/2	CREATE NEW OPENING WITHIN EXISTING WALL		
(REMOVE &AND FILL WITH DIMENSIONAL CMU W/ MORTAR TIES @ 16" O.C. VERT		

- 1. WEAR PROTECTIVE GEAR WHEN DEMOLISHING AREAS PRONE TO DUST AND/OR OTHER AIRBORNE PARTICLES.
- 2. LEAVE ALL PLUMBING STUBS WHERE NOTED, OTHERS NOT NOTED TO BE CAPPED/MOVED.
- 3. EXTENT OF DEMOLITION SHOWN ON THIS PLAN IS INTENDED TO SHOW WALLS AND WINDOWS AND EXTERIOR FINISHES/COMPONENTS. PLAN DOES NOT SHOW INTERIOR FINISHES, FIXTURES OR CEILING REMOVAL WHICH WILL BE REQUIRED AND WILL BE COORDINATED IN THE FIELD.
- 4. OWNER/DESIGNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF STRUCTURE TO BE DEMOLISHED.
- 5. TURN OFF ELECTRICAL SERVICES PRIOR TO DEMOLITION.
- 6. FILL IN ALL CAVITIES AND ADJUST SOIL ACCORDINGLY BASED ON SITE ANALYSIS.
- 7. ALL DEMOLISHED MATERIALS TO BE REMOVED AFTER COMPLETION OF JOB, NO MATERIAL LEFT ON SITE OR IN SOIL.
- 8. EXISTING WALLS DEPICTED ARE CLOSE APPROXIMATIONS BASED ON MEASURED FIELD DATA. WHILE THE ACCURACY OF THE DEPICTED INFORMATION IS GOOD, FIELD SHOULD VERIFY ANY DIMENSIONS WITH A VISUAL IF SOMETHING IS IN QUESTION.

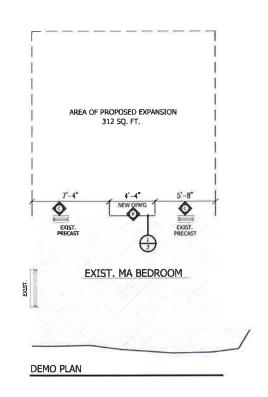


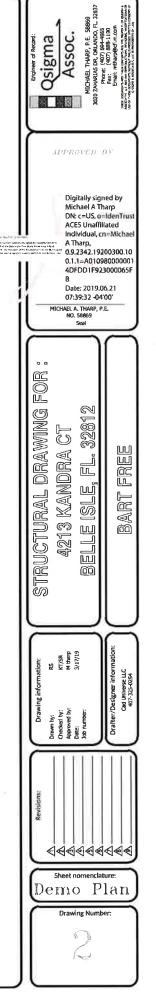




SCOPE OF WORK

SCALE 1/4" + 1'-0"



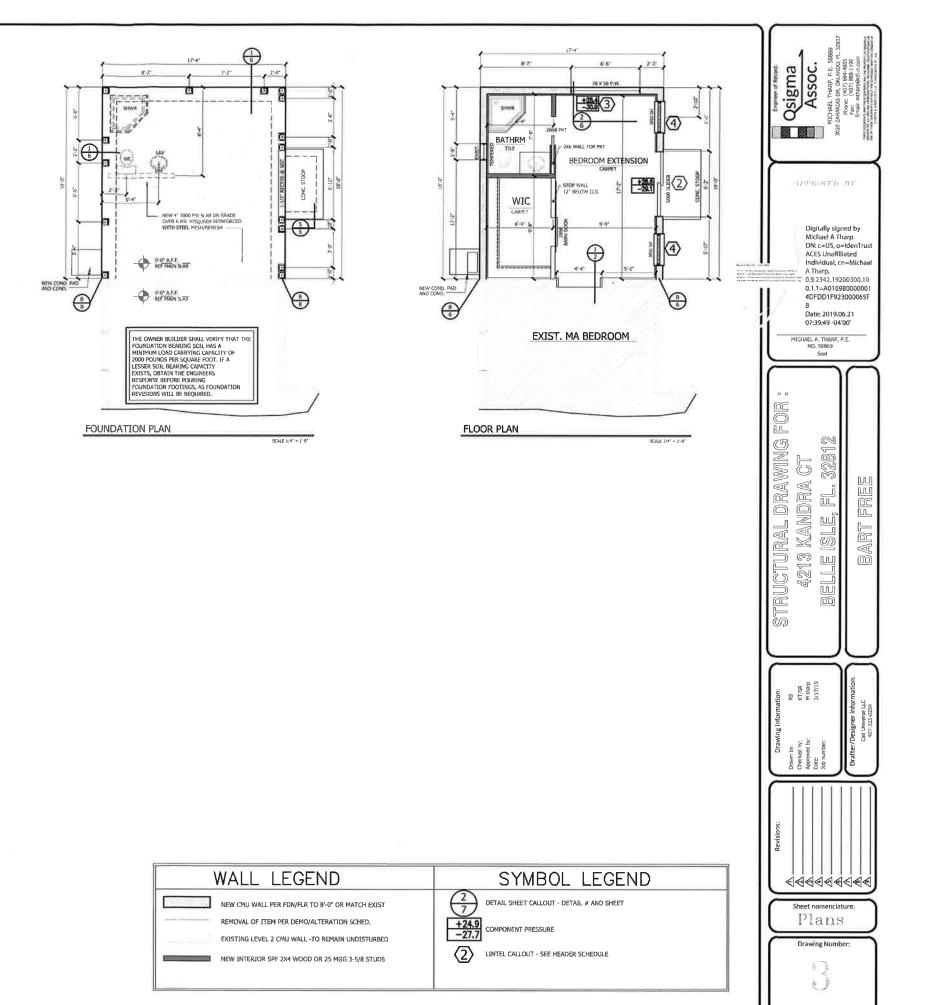


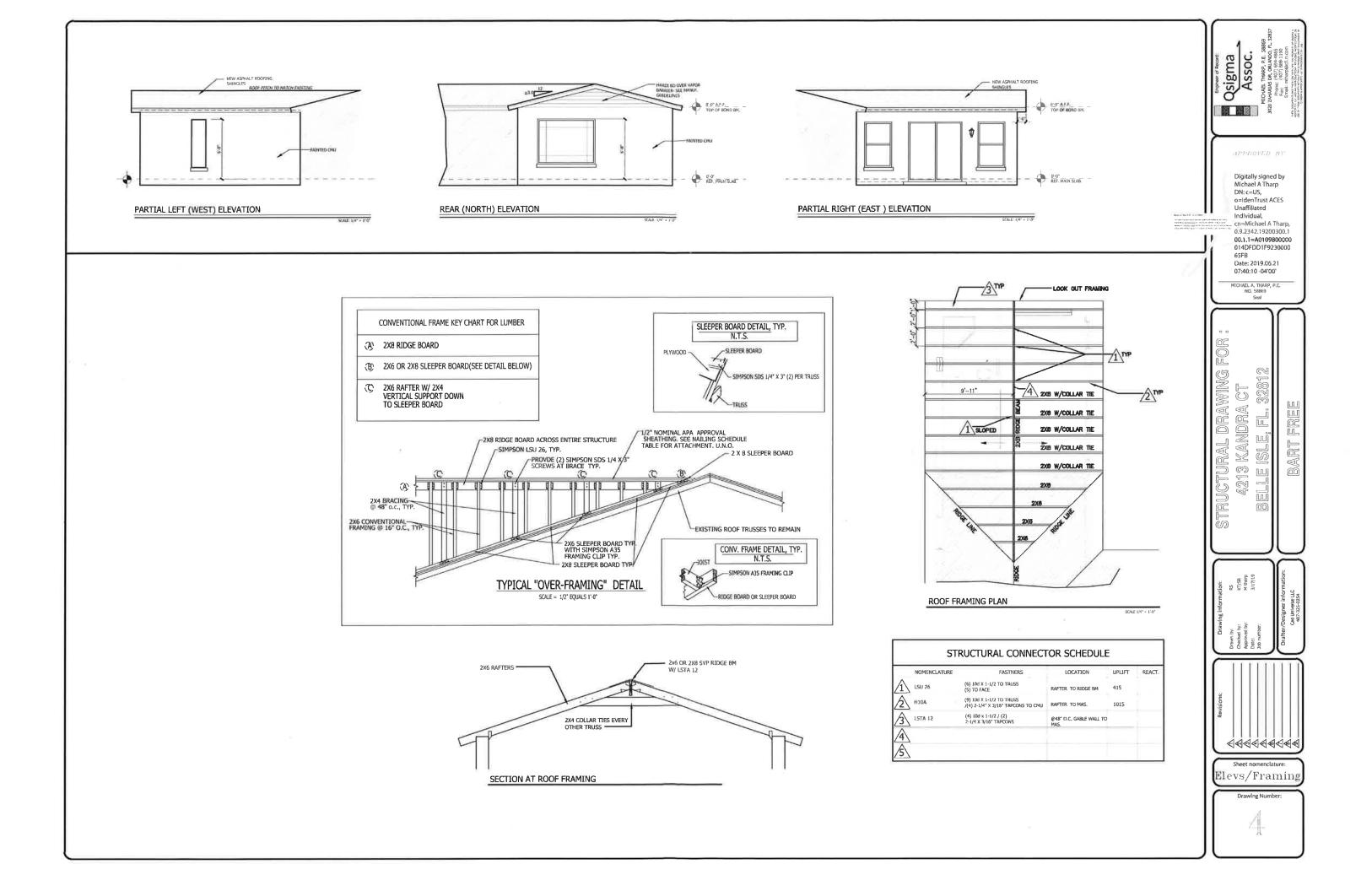
1 TYPICAL METAL LINTEL AT OPENING

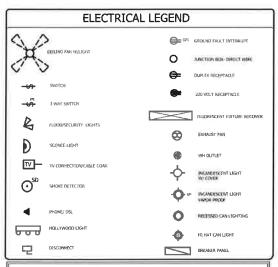
CONCRETE NOTES

- 1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI, A SLUMP OF 5" PLUS OR MINUS 1", AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63.
- 3. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
- HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
- HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 25" LAP PROVIDED
- 5. MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
- 6. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 2000 PSI (fm = 1500 PSI)
- 7. MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270.
- COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 8" TO 11".
- VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
- 10. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED.
- 11. REINFORCING STEEL MUST MAINTAIN 3" CLEARANCE FROM ENDS/ CHAIRS
- 12. DENOTES CONC. FILLED VERT. DOWEL WITH #5 VERT. SPLICED 25" TOP & TIED TO BM, TIED TO FTG. W/ PEAROCK CONC. FILL & INSPECTION PORTS AS REQ'D.

LINTEL SCHEDULE						
1	WINDOW	8F16-0B	4'-0" TO 4'-4" LONG			
2	SLIDING DOOR	8F16-0B	7'-0" LONG			
3	DOUBLE WINDOW	8F16-0B	9'-4" LONG			
4	WINDOW	8F16-0B	4'-6" LONG			







ELECTRICAL NOTES

NOTES: UNLESS OTHERWISE NOTED, L. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF

THE BOX TO BE: 16" AFF (GENERAL) KITCHEN BATHROOM 39" AFF LAUNDRY ROOM 36" AFF EXTERIOR WATERPROOF GARAGE GENERAL PURPOSE 12" AFF 42° AFF

2" AFF

RANGE
2" AFF
AULTRIM PACTES & DEVICES TO BE GANGED, WHERE POSSIBLE.

3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED PLOOR.

4. ELECTRICAL PLAN IS MITENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN
STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A
LICENSED ELECTRICAL COUNTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES

SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH R313.) AND LISTED IN ACCORDANCE

5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH R313.1 AND LISTED IN ACCORDANCE WITH R313.1 AND LISTED IN ACCORDANCE WITH R313.7 AND LISTED IN ACCORDANCE WITH R313.1 AND LISTED IN ACCORDANCE WITH R313.1 AND LISTED IN ACCORDANCE MITTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NFPA 70 AND THE 2017 NEC, AS DEFINED IN UL 1699.

7. PROVIDET PAMPER RESISTANT RECEPTRACIES AS REQUIRED BY THE 2017 NEC, 406.11

8. R313.2 I CARBON MONOXIDE PROTECTION: CARBON MONOXIDE ALARMS OR DETECTORS

SHALL BE INSTALLED IN ALL OWELLING UNITS IN ACCORDANCE WITH NPPA 70, SUCH DEVICES SHALL BE LISTED BY THE APPROPRIATE STANDARD, EITHER ANSIAL 2034, STANDARD FOR SINGLE AND MULTIPLE STATION CO ALARMS OR UL 2075, GAS AND VAPOR

DETECTION SENSOR, ACCORDING TO THE INSTALLATION.

R313.2.2 3 COMBINATION ALARMS: COMBINATION SMOKE/CARBON MONOXIDE ALARMS
SHALL RE PERMITTED IF EACH MEETS THE APPLICABLE IL STANDARD.

10. KEEP ALL SMOKE DETECTORS MINIMUM OF 36° FROM BATHROOM DOORS

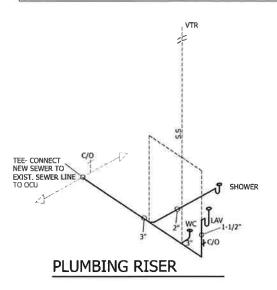
11. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.

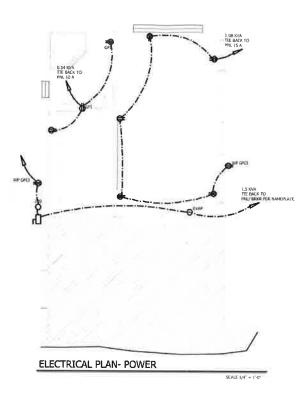
12, BATHROOM EDIAUST FAIN MUST VENT TO THE EXTERIOR OF THE BUILDING, VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE.

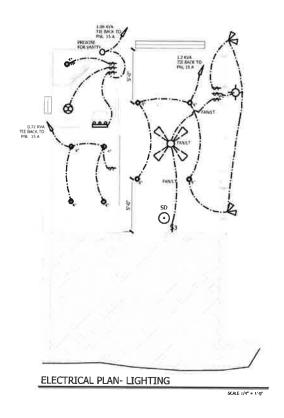
13, ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL

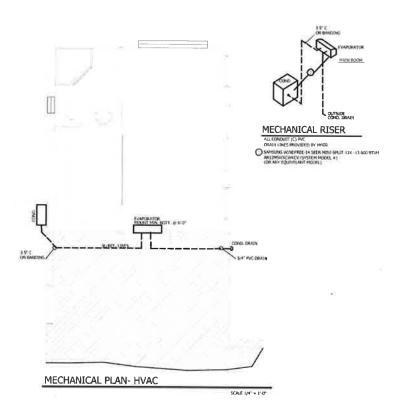
ALL DOUGS AND WINDOWS PROVIDING DIRECT ACCESS PROMITHE OF UNITED THE POUR SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 DBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED...

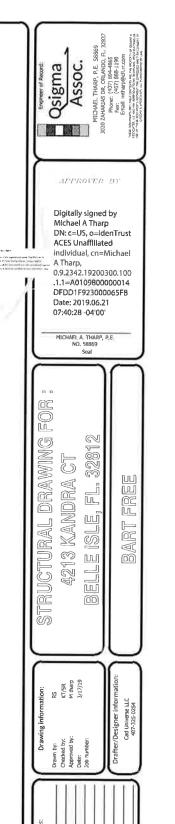
14, ADD GRO PROTECTION TO RECEPTACES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DIVELLINGS WHERE INSTALLED WITHIN 6' IF THE OUTSIDE EDGE OF A SINK. THIS WOULD INCLUDE THE RECEPTACLE INSTALLED FOR A WASHING MACHINE. RECEPTACLES OUTLESTS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT FOR AN OUTLET EVERY 24", THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE STINK OR RANGE IS GREATER THE 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS.





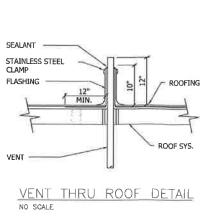


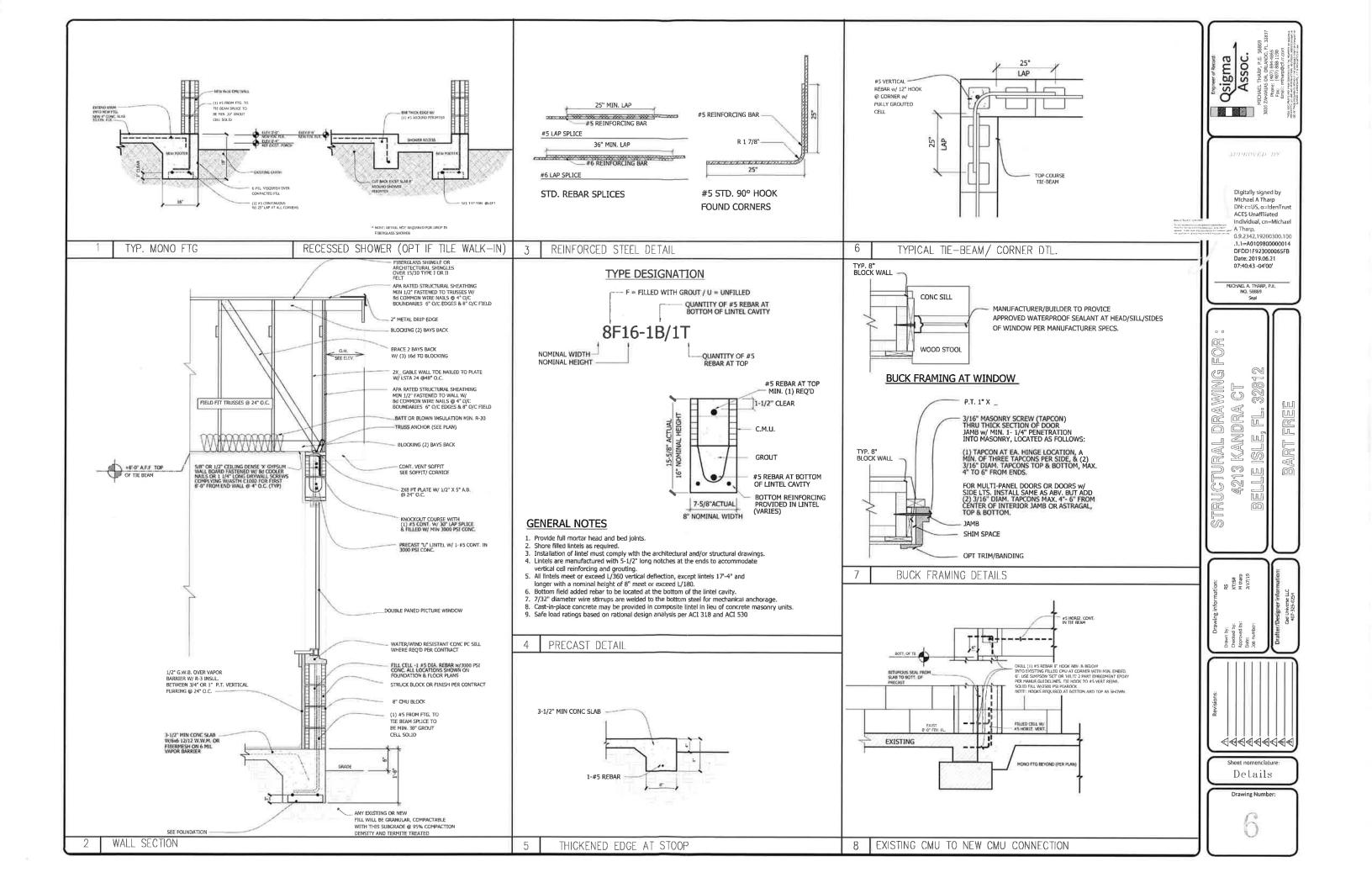




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MEP Drawing Number





TRUSS FRAMING NOTES

OWNER TO VERIFY ALL TRUSS SPANS, SLOPES, BEARING POINTS, AND DIMENSIONS BEFORE FABRICATION. ALL ROOF PITCHES ARE TO BE SET AS INDICATED ON PLANS AND ELEVATIONS.

TRUSS SPACING SHALL BE 24" O.C. MAX. UNLESS OTHERWISE NOTED. CONVENTIONAL FRAMING SHALL BE 16" O.C. MAX. OR AS OTHERWISE NOTED.

FRAME WALLS UP TO UNDERSIDE OF ROOF TRUSSES AT ALL NON-BEARING WALLS AND AT VOLUME AREA UNLESS OTHERWISE NOTED.

ALIGN TRUSSES AND HAND FRAMING SO AS ALL GYPSUM WALL BOARD TO BE CONTINUOUS FROM FLOOR TO CEILING. REFER TO MAN. SPECS. FOR INSTALLATION REQ. OF ALL HARDWARE BEFORE INSTALLATION.

ALL FASCIA BOARD TO BE 2x4 U.N.O. VENT SIZES TO BE CALCULATED BY OTHERS

VENTS SHOWN ON PLANS ARE TO INDICATE POSSIBLE LOCATIONS AND DO NOT REPRESENT ANY ATTEMPTTO DICTATE LOCATIONS OR CALCULATIONS VENTILATION TO MEET OR EXCEED REQUIREMENTS IN FRBC 2014 5TH ED.

VERIFY AND INSTALL ALL REQUIRED FLASHING &/OR CRICKET(S) TO ENSURE ADEQUETE ROOF DRAINAGE AND TO ENSURE LEAK FREE ROOF DIAPHRAM.

FIELD REPAIRS

OMITTED REBAR

DRILL A 3/4" DIAMETER HOLE MIN. 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL NO. 5 BAR INTO EPOXY FILLED HOLE EPOXY TO BE SIMPSON STRONG TIE EPOXY OR EQUIVILENT. FOLLOW MANUFACTURE'S INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM HOLE BY USING COMPRESSED AIR PRIOR TO APPLYING EPOXY. ALLOW EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS, THEN FILL CELL IN THE NORMAL WAY DURING BONDBEAM POUR. USE 30" MIN. LAP SPLICE. HOOKS AT TOP OF BAR TO BE MIN. 12 BAR DIAMETERS(EXCLUDING BEND).

STRAPS/CONNECTOR SUBSTITUTION

MAY SUBSTITUTE STRAPS/CONNECTORS w/STRAPS/CONNECTORSOF EQUAL OR GREATER UPLIFT & LATERAL RESISTANCE VALUES IN FIELD WITHOUT VERIFICATION, PROVIDED ALL MANUFACTURES INSTALLATIONNSTRUCTIONS ARE FOLLOWED.

METAL STUD SUBSTITUTION

WOOD STUDS MAY BE SUBSTITUTED FOR METAL STUDS IN NON-LOAD BEARING WALLS TAPCON FASTENERS MAY BE USED ILO SIMPSON TITENS

MORTAR JOINTS

FOR BED JOINTS 1/2" TO 1", (NO VERT. REINF. REQUIRED) — FOR HEAD JOINTS GREATER THAN 3/4", GROUT FILL CELL IN BLOCK AFFECTED ON EITHER SIDE OF JOINT. PROVIDE (1) #5 VERT. REINF. IN EACH CELL, CONT. PER PLAN.

FOR BLOCKS NOT STAGGERED,

PROVIDE (1) #5 VERT. REINF. IN EACH CELL, CONT. PER PLAN.

MISSED META-16 LINTEL STRAPS

MISSED META-16 LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE REPLACED w/(1) SIMPSON MTSM16

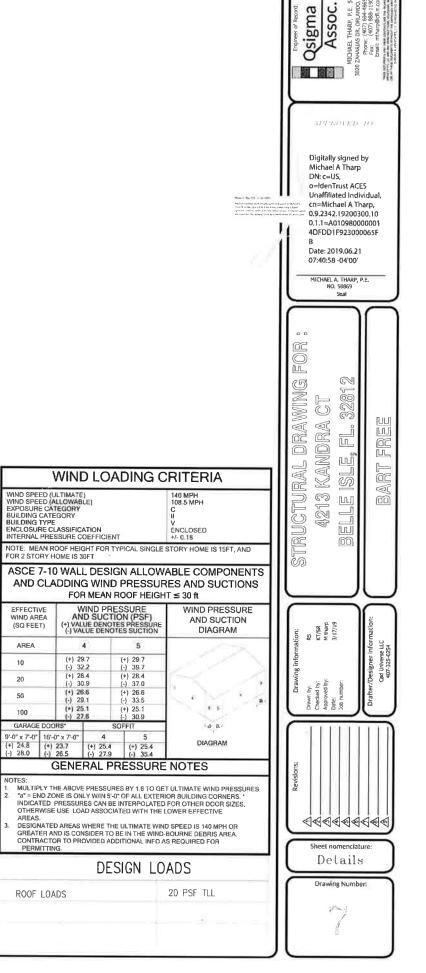
TWIST STRAP FOR UPLIFTS OF 840 LBS. OR LESS. USE (2) FOR UPLIFTS OF 841 LBS. TO 1680 LBS. OTHERS ON CASE
BY CASE BASIS TO BE APPROVED BY ENGINEER OF RECORD.

TERMITE TREATMENT

TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION (SEE SECTION 202, REGISTERED TERMITICIDE). UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

LUMBER ON GRADE

ALL LUMBER IN CONTACT WITH SOIL OR IN CONTACT WITH CMU OF THE PERMANENT STRUCTURE SHALL BE PRESSURE TREATED.



As required by Florida Scaure 553.542 and Florida Agmentative Code 96-72m, please provide the information and approval numbers for the building components listed below 8 they will be utilized on the building or structure.

Approved product information is listed online or can be obtained from the local product supplier.

Ft. Product Approval. abudding.org Many Dade Notice of Acceptance: <a href="mailto:abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-to-the-abudding-abu

The following information shall be submitted for plan review and permitting

1) Completed/filled out copies of the Product Approval Cover Sheet. (Readdental - 2, Commercial - 3)
2) Copies of the Internet screen that showing the product and <u>Other. The product to be installed, file FL Product. Approval or Memir Date NAR number, and the Florids Billions Code edition. (Residented - 2, Commercial - 3)</u>

Product Type	Manufacture	Model #/Series	FL Product Approval #	Mami Dade NOA #
Exterior Doors				
Swinging	PGT	FD-101	FL253	17-0504.01
Slicking	PGT	SGD770	FL251	17-0420 12
Sectional/Rollup				
Other				
Windows				
Single/Double Hung	PGT	SH-700/SH-200	FL239	17-0630.08
Horizontal Slider	PGT	SGD770	F1.242	17-0420.17
Casement				
Fixed				
Multien	PGT ALUM	TUBE MULLION	FL261	17-0630.01
Skylights				
Other				
Wall Panels				
Siding				
Softis	AMERIMAX	ANY	FL5896-R3	
Storefront				
Qiasa Block				
Other				
Roofing Products	and the same of th			
Asphalt Shingles	GAF ASPHALT SHINGLES	3 TAB OR 5 TAB	FL10124.1	
Single Ply Rool				
Roofing Tiles				
Non Structural Metal				
Other				
Structural Components				
Lintells	CAST CRETE	ALL	FL158-R11	
hautotion Forms				
Other				

Failure to post the information below on the jobale, ar including news not used, will result in failed impections

One completed/filted cut copy of this Product Approval Cover Sheet with OCDBS official approval stamp. One copy of Internet screen shot showing the product, is FBC or NDA #, and the FBC Edocre, with OCDBS official approval stamp Thor copy of the manufactural's installation details and extractions for SPG "At the product to be installed"

It is the applicant's responsibility to verify specific products have been entailed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant's Printed Name.	Applicant's Signature:
Water State Company (1)	



EXTERIOR RESEARCH & DESIGN, LLC. Conditate of Authorization #9503 353 CHRISTIAN STREET, UNIT #13

EVALUATION REPORT GAF Materials Corporation 1361 Alps Road, Building 7-3 Wayne, NJ 07470

FAX: (203) 262-9243 Evaluation Report 01506.01.08-R6 FL10124-R4 Date of Issuance: 01/03/2008

This Evaluation Report is issued under Rule 9N-3 and the applicable rules and regulations governing the use of construction materials in the Slate of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code and Florida Building Code, Residential Volume. The products described herein have been designed to comply with the 2007 FBC and 2007 FBC residential Volume sections noted herein.

DESCRIPTION: GAF Asphalt Roof Shingles

LABELLING: Each unit shall bear labeling in accordance with the requirements the Accredited Quality

Assurance Agency noted herein.

CONTINUED COMPLIANCE: This Evaluation Report is valid until such time as the named product(s) changes, the referenced Quality Assurance documentation changes, or provisions of the Code that relate to the product change. Acceptance of this Evaluation Report by the named client constitutes agreement to notify Robert Nieminen, P.E. if the product changes or the referenced Quality Assurance documentation changes. Trinity[ERD requires a complete review of this Evaluation Report relative to updated Code requirements with each Code Cycle.

Adversissment: The Evaluation Report number preceded by the words "Trinity|ERD Evaluated" may be displayed in advertising literature. If any portion of the Evaluation Report is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire Evaluation Report shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This Evaluation Report consists of pages 1 through 4

Prepared by:

Robert J.M. Nieminen, P.E. Florida Registration No. 59166, Florida

Certification of Bost readers:

Trining/IRD does not have, or does it intend to acquire or will it angules, a financial interval in any company manufacturing or discloburing products in evaluates

according to the company of the company company manufacturing or distributing products it invaluates.

To does Reviewed, P.E. does not have not well acquire, a financial interval in any company manufacturing or distributing products for which the evaluation regists and being located and acquire, a financial interval in any company manufacturing or distributing products for which the evaluation regists and being located and acquire, a financial interval in any other entity evidence in the appropriate products for which the evaluation regists and being located and acquire, a financial interval in any other entity evidence in the appropriate process of the manufacturing.



FOF REGULATORY AND ECONOMIC RESOURCES (RER) NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

1070 Technology Orbe North Venice, FL 34275

Score

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority

Product Control Security 18 co. 3884 in annual pages Sound and State Sta Control Section (In Miami-Dade County) and/or the AHI (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AIU may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RFR reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control

Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SH-700" Aluminum Single Hung Window - L.M.J.

APPROVAL DOCUMENT: Drawing No. 4040-20, titled "Alum, Single Hung Window, Impact", sheets I through 11 of 11, dated 09/01/05, with revision G dated 06/06/17, prepared by manufacturer, signed and scaled by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsemen

of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA. ADVERTISEMENT: The NOA number preceded by the words Mianii-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature: If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 16-0714.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as

well as approval document mentioned above

The submitted documentation was reviewed by Manuel Perez, P.E.





NOA No. 12-0630-08

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11995 SW 26 Street, Room 208

Mieral, Florida 33175-2474 I (78n) 315-2590 F (78n) 315-2599

www.miarchdade.gov/economy



NOTICE OF ACCEPTANCE (NOA)

1070 Technology Driv North Venice, FL 34275

Score:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation arbeinted has been reviewed and accepted by Mami-Dade County RER -Product Control Section to be used in Mami-Dade County and other aceas where allowed by the Authority Having Jurisdiction (AIII). This NOA shall not be valid after the experience date study below. The Mami-Dade County Product County Section (In Minni Dade County) and/or the AII (in meas other than Minni Dade County) reserve the right to have this product or material fast to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AII may immediately trevoke, medify, or suspected the use of such product or material within their jurisdiction. RIR reserves the right to revoke its acceptance, if it is determined by Minni-Dade County Product Control Section that this product or material falls to meet the recurrements of the articleable building order. If it is destruinted by hills and the state of the policial boulding code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code.

including the High Velocity Harricane Zone.

DESCRIPTION: Series "SGD-780" Aluminum Sliding Glass Door w/90° & 135° corner (Reinf/Non-Reinf)-1, M.L. APPROVAL DOCUMENT: Drawing No. MIL-780.0 Rev B Glob "Aluminom Shiding Gloss Doce (IAST), shorts. I through 18 of 18, dated J00/515 and but revised on 07/12/17, prepared by PGT Industries, signed and socied by Anthony Lynn Miller, P. E., brazing the Miami-Dode County Product Control Revision strang with the Notice of Acceptance number and Expiration date by the Manui-Dode County Product Control Services.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

- Limitations:

 1. Max Panels configuration is sillowed per tables 1 thru 3, north exceed 462.11 ft². The inside/nutside 90° & 135°
- corner units are limited to straight panel each corner side per tables 1 thru 3.

 See sheets 7 & 8 for Design Pressure (DP), glass type, all type for positive DP limit, applicable reinforcement and suchorage quintity roughermenus. See sheet 11 for glass options. See sheets 12 thru 15 for anchors lay out at tracks and corners. See Pocket anchor details in sheet §.
- Pockets wall, cavity are not part of this approval. Exterior/Interior Pocket wall & applicable Egress requirement to be reviewed by Building official.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and

EARWALO fact unit suit beat a permanent aget win the manufacturer's name or logo, city, state and series and following statement: "Mineral Dade County Product Control Approved", accede herein.

REFIEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this produce.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the

materials; site, and/or manufacture of the product or process. Mesus of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any accito of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Minmi-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and

shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA #16-0629.10 and consists of this page. Unid evidence pages E-1 & E-2, as well as approval document mentioned above.



NOA No. 17-0420.04 Expiration Date: August 02, 2022 Approval Date: July 27, 2017



PRODUCT CONTROL SECTION 11895 SW 26 Street, Room 208 Numé, Florida 33176-2474 1 (786) 315-2590 1 (786) 315-2590

MIAMI-DADE COUNTY

www.unlamidade.gov/economs

NOTICE OF ACCEPTANCE (NOA) PGT Industries, Inc. 1070 Technology Drive North Venice, FL 34279

Score:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AIII). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Induct Control Section (In Miami-Dade County) and/or the AIII (in areas other than Miami-Dade County) reserve the right to have this product or material fails to perform in the acceptance, manifer, the manufacturer will incur the expense of such testing and the AIII may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RICR reserves the right to revoke this acceptance, if it is determined by Miami-Dade County. Product Countrol Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SGD-780" Aluminum Sliding Glass Door w/90° & 135° corner (Reinf/Non-Reinf)- LaM.L. APPROVAL DOCUMENT: Drawing No. MD-780.0 Rev B titled "Aluminum Sliding Glass Door (LM)", sheets 1 through 18 of 18, dated 10/05/15 and last revised on 07/17/17, prepared by PGT Industries, signed and sedded by Anthony Lynn Miller, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

- Max Panels configuration is allowed per tables 1 thru 3, not to exceed 462.11 ft³. The inside/outside 90⁹ & 135⁹
- corner units are limited to straight panel each corner side per tables 1 thru 3.

 2. See about 2 & 8 for Design Pressure (DP), glass type, sill type for positive DP limit, applicable reinforcement and anchorage quantity requirements. See sheet 11 for glass options. See sheets 12 thru 15 for anchors lay out at tracks and corners. See Pocket anchor details in sheet 6.
- 3. Pockots wall, cavity are not part of this approval. Exterior/Interior Pocket wall & applicable Egress requirement to be reviewed by Building official.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Menor of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Minmi-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and

shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA #16-0639,10 and contrists of this page 1 and evidence pages F-1 & F-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq L. Chanda, P.E.



NOA No. 17-0420,04 Expiration Date: August 02, 2022 Approval Date: July 27, 2017

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

1070 Technology Drive North Venice, FL 34275

Score:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AIII).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (in Miami-Dade County) and/or the AID (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AID may immediately revoke, modify, or suspend the use of such product or material within their pariadetion. References the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described berein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SGD-770" Aluminum Sliding Glass Door w / 90' & 435' corners - L.M.I.

APPROVAL DOCUMENT: Drawing No. PG10130, titled "Series 770 Ahm. SGD - LM Impact", shoets I through 22 of 22, dated 10/10/14, with revision C dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Mami-Dade County Preduct Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSHE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, mode/heries, and following statement "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Musics of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA munther preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 16-0629.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as

The submitted documentation was reviewed by Jorge M. Plasencia, P.E.



NOA Nil. 17-0420/12 Expiration Date: February 17, 2020 ovel Date: September 28, 2617

Osigma Assoc.

, P.E. ALAND 594-4 (594-4) THARP, DR, OR (407) 5 (407) 8 (407) 8 HARLAS I HARLAS I Phone: Fax: Email: rr 2 Z

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Digitally signed by Michael A Tharp DN: c=US_p=IdenTrust ACES Unaffiliated Individual, cn=Michael

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MICHAEL A. THARP, P.E. NO. 58869 Seel

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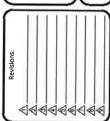
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Sheet nomenclature NOA's

Drawing Number

